

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
120801-1

Re Application: Irene Dris, et al.

Serial No.

10/648,609

Filing Date

August 26, 2003

Examiner

NYA

Group Art Unit

SUBSTRATE AND STORAGE MEDIA FOR DATA PREPARED THEREFROM

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Signature

Dated: November 24, 2003

Roberta L. Pelletier, Esq.  
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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
NOV 28 2003  
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**37 CFR 1.97(b)**

1.  The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2.  The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

**OR**

the fee set forth in 37 CFR 1.17(p).

**INFORMATION DISCLOSURE CITATION**  
 (Use several sheets if necessary)

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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,306,874	2/28/647	Hay			
	3,306,875	2/28/67	Hay			
	3,365,422	1/23/68	Van Dort			
	3,383,435	5/14/68	E. P. Cizek			
	3,451,462	6/24/69	T. T. Szabo, et al.			
	3,635,895	1/18/72	Kramer			
	3,639,656	2/1/72	Bennett, et al.			
	3,642,699	2/15/72	Cooper, et al.			
	3,661,848	5/9/72	Cooper, et al.			
	3,733,299	5/15/73	Cooper, et al.			
	3,838,102	9/24/74	Bennett, et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
X	CA 1063761	10/09/79	Canada				
X	EP 1 102 122	18.08.83	Europe				
X	EP 0 225 801	08.12.86	Europe				
X	EP 0 271 000	03.12.87	Europe				
X	EP 0 295 891	15.06.88	Europe				

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

JP8055341. Publication Date: 1996-02-27. Abstract Only

JP 9035330. Publication Date 1997-02-07. Abstract Only

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	3,962,181	6/8/76	Sakauchi, et al.			
	3,973,890	8/10/76	Porter, et al.			
	4,001,184	1/4/77	Scott			
	4,054,553	10/18/77	Olander			
	4,083,828	4/11/78	Olander			
	4,092,294	5/30/78	Bennett, Jr. et al.			
	4,217,438	8/12/80	Brunelle, et al.			
	4,373,065	2/8/83	Prest, Jr.			
	4,421,470	12/20/83	Nakamura			
	4,441,179	4/3/84	Slaten			
	4,680,211	7/14/87	Evans, et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
X	EP 0 303 209	06.08.88	Europe				
X	EP 0 642 124	06.09.94	Europe				
X	EP 0 691 361	16.05.95	Europe				
X	EP 0 724 259	26.01.96	Europe				
X	EP 0 770 637	10.10.96	Europe				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		JP 9054982. Publication Date: 1997-02-25. Abstract Only
		JP11268098. Publication Date: 1999-10-05. Abstract Only

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	4,760,118	7/26/88	White, et al.			
	4,808,262	2/28/89	Aneja, et al.			
	4,845,142	7/4/89	Niwano, et al.			
	4,987,194	1/22/91	Maeda, et al.			
	4,992,222	2/12/91	Banevicius, et al.			
	4,994,217	2/19/91	Banevicius, et al.			
	5,053,288	10/1/91	Hashimoto, et al.			
	5,102,591	4/7/92	Hasson, et al.			
	5,204,410	4/20/93	Banevicius, et al.			
	5,250,486	10/5/93	Shaffer			
	5,283,021	2/1/94	Shih			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
+	EP 1 031 972	23.02.00	Europe				
+	EP 1 047 055	22.04.99	Europe				
+	EP 1 130 587	05.03.01	Europe				
X	EP 0 167 419	19.06.01	Europe				
X	EP 1 167 420	19.06.01	Europe				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		JP2000099973. Publication Date: 2000-04-07. Abstract Only
		JP2000149296. Publication Date: 2000-05-30. Abstract Only

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		5,480,959	1/2/96	Schmidhauser			
		5,586,110	12/17/96	Nakaki			
		5,607,700	3/4/97	Kando, et al.			
		5,833,848	11/10/98	Tominari, et al.			
		6,042,754	3/28/00	Yang, et al.			
		6,109,910	8/29/00	Sekido			
		6,306,978	10/23/01	Braat, et al.			
		6,365,710	4/2/02	Wang, et al.			
		6,372,175	4/16/02	Inoue, et al.			
		6,407,200	6/18/02	Singh, et al.			
		6,420,032	7/16/02	Iacovangelo			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
X		EP 1 167 421	19.06.01	Europe				
X		JP 2-107651	19-04-1990	Japan			✓	
X		JP 9-237437	9/9/97	Japan			✓	
X		JP 1-92209	1989-4-11	Japan			✓	
X		JP 2-208342	1990-08-17	Japan			✓	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		JP2000155970. Publication Date: 2000-06-06. Abstract Only
		JP2001060338. Publication Date: 2001-03-06. Abstract Only

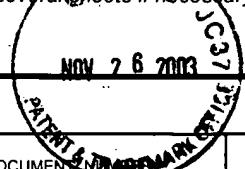
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	6,437,084	8/20/02	Birsak, et al.			
	6,444,779	9/3/02	Singh, et al.			
	6,469,128	10/22/02	Guo, et al			
	6,492,486	12/10/02	Mahood			
	2002/0062054	5/23/02	Cistone, et al.			
	2002/0094455	7/18/02	Feist, et al.			
	2002/0197438	12/26/02	Hay, et al.			
	2002/0197441	12/26/02	Hariharan, et al.			
	2003/0044564	3/6/03	Dris, et al.			
	2003/0067089	4/10/03	Wang, et al.			
	6,397,776	6/4/02	Yang, et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
X	JP 63-124244	27-5-1988	Japan			✓	
X	JP 63-13722	1988-1-21	Japan			✓	
X	JP 63-256427	24-10-1988	Japan			✓	
X	JP 63-301247	12/8/88	Japan			✓	
X	JP 63-309547	16-12-1988	Japan			✓	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		JP2001067726. Publication Date 2001-03-16. Abstract Only
		JP58147332. Publication Date 1983-09-02. Abstract Only.

EXAMINER

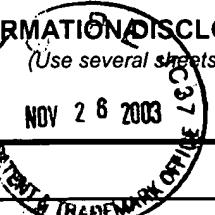
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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i> <div style="text-align: right; margin-top: -10px;">NOV 26 2003</div> 			ATTY DOCKET NO. 120801-1		SERIAL NO. 10/648,609	
			Irene Dris, et al.		FILING August 26, 2003	
<b>U.S. PATENT DOCUMENTS</b>						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>						
	Decre, et al. "Cover Layer Technology for the High-Numerical-Aperture Digital Video Recording System" Jpn. J. Appl. Phys. Vol. 39. (2000) pp. 775-778.					
	Yamamoto, et al. "0.8-Numerical-Aperture Two-Element Objective Lens for the Optical Disk" Jpn. J. Appl. Phys. Vol. 36 (1997) pp. 456-459.					
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